

AMENDMENTS TO THE SPECIFICATION:

Please amend the specification as follows:

Page 8, replace the paragraphs beginning on line 14 through line 24 with the following amended paragraphs:

[[Fig.]] Figs. 3(a) to (e) are [[is a]] schematic diagram ~~diagram~~ diagrams showing examples of arrangements of small bundles of hollow fiber membranes at a filtration section interface of a cartridge head-side adhesion fixation layer in a membrane separation device in accordance with the present invention~~[[, and]]~~;

[[Fig.]] Figs. 4(a) to (f) are [[is a]] schematic diagram ~~diagram~~ diagrams showing examples of arrangements of small bundles of hollow fiber membranes at a filtration section interface of a cartridge head-side adhesion fixation layer in the membrane separation ~~apparatus~~ apparatuses of ~~Example~~ Examples 1-6; and

Fig. 4(g) is a schematic diagram showing an example of a hollow fiber membrane at a filtration section interface of a cartridge head-side adhesion fixation layer in the membrane separation apparatus of Comparative Example 1.

Page 16, replace the paragraph beginning on line 9 with the following amended paragraph:

In Fig. 2, a hollow fiber membrane cartridge 18 is composed of the plurality of hollow fiber membrane bundles 1, each containing a set of hollow fiber membranes, a cartridge head 2, and a lower ring 3. At one end of the hollow fiber membrane bundle 1, the hollow fiber membranes are integrally joined together using an adhesive and are integrally bonded to the interior of the cartridge head-side adhesion fixation layer 4. The ends of the hollow fiber membranes are open to a treated water outlet 20-side end

surface of cartridge head 2. At the other end of the hollow fiber membranes, the hollow fiber membranes are integrally joined together using an adhesive to constitute the lower ring-side adhesion fixation layer [[14]]5. The ends of the hollow fiber membranes are sealed. A plurality of holes 8 are formed in the lower ringside adhesion fixation layer 5 to introduce raw water and a washing gas into the hollow fiber membrane bundle to effectively contact the water and gas with the outer peripheral surfaces of the hollow fiber membranes.